



भारत का राजपत्र

The Gazette of India

प्राधिकार से प्रकाशित
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नई दिल्ली, शनिवार, जनवरी 13, 1973 (वीष 23, 1894)

No. 2]

NEW DELHI, SATURDAY, JANUARY 13, 1973 (PAUSA 23, 1894)

इस भाग में जिस पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 13th January 1973

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

Application for Patents Filed at the Head Office

23rd December 1972

- 2218/72. P. L. Kumar. Pencil sharpener-cum-eraser.
- 2219/72. Sudhir Chandra Chakravorty. A new process for the manufacture of bromides and iodides.
- 2220/72. Svenska Rotor Maskiner Aktiebolag. Method of operating a refrigeration plant and a plant for performing the method. (28th December 1971).
- 2221/72. Sugar Research Limited. Improvements in and relating to clarifying apparatus. (28th December 1971).
- 2222/72. Bata Shoe Company Private Limited. Electro-magnetic cutting apparatus for cutting binding tape. (24th December 1971).
- 2223/72. Institut Pasteur. Immunostimulant agent compositions thereof and methods for their preparation.
- 2224/72. B. Barthakur. Grain polisher and pulveriser with pneumatic blower.
- 2225/72. H. Karman. An improved medical instrument for performing abortion.

27th December 1972

- 2226/72. Flt. Lt. Brij Bhushan Vij. Calibration of dials for metric watches exhibit "A" and exhibit "B" enclosed.

- 2227/72. J. K. Garg. Improvements in or relating to a drum pulley or sector for imparting movement to an object.
- 2228/72. Eastern Commercial & Industrial Enterprises Pvt. Ltd. Improvement in or relating to mortice lock handles.
- 2229/72. Council of Scientific and Industrial Research. New dyes containing azido groups for cellulosic, protein and synthetic fibres.
- 2230/72. Council of Scientific and Industrial Research. An apparatus to take three dimensional panoramic X-Ray radiographs with conventional radiographic equipment to be seen without any viewing aid.
- 2231/72. Council of Scientific and Industrial Research. Improvements in or relating to the preparation of new reactive dyes.
- 2232/72. Council of Scientific and Industrial Research. Process for the preparation of D-galactose from cashewnut shells.
- 2233/72. Council of Scientific and Industrial Research. Improvements in or relating to the production of oil-well cement additive.
- 2234/72. Council of Scientific and Industrial Research. A process for making three dimensional panoramic photographic displays to be seen without any viewing aids.
- 2235/72. Council of Scientific and Industrial Research. New dyes containing azido groups for cellulosic, protein and synthetic fibres.
- 2236/72. Union Carbide Corporation. Apparatus and process for refining molten aluminum.
- 2237/72. Union Carbide Corporation. Non-aqueous electrochemical cell.

(11)

- 2238/72. Union Carbide Corporation. Primary dry cell with anode cup bottom protection.
- 2239/72. Societe Nationale Des Petroles D'Aquitaine. An improved glow-tube for X-ray spectrometry with directly excited samples.
- 2240/72. RCA Corporation. A rotary joint system. [Divisional date 19th April 1971].
- 2241/72. Siemens Aktiengesellschaft. Improvements in or relating to telecommunications systems. (29th September 1972).
- 2242/72. Siemens Aktiengesellschaft. Turbo-Generators and particularly turbo-generators having turbines with variable blade-pitch propellers.
- 2243/72. Siemens Aktiengesellschaft. Improvements in or relating to the construction of axial-flow rotary machine housings.
- 2244/72. Patents International Affiliates Limited. Vaccine.
- 2245/72. E. I. du Pont de Nemours and Company. Multi-stage iron chloride oxidation process.
- 2246/72. General Electric Company. Automated method of manufacturing finned machine frames.
- 2247/72. Nippon Kokan Kabushiki Kaisha. Method of converting Al_2O_3 rich iron ores into good raw materials for use in sintering process.
- 2248/72. Singh & Associates. A device for cropping ingots or billets and useful in rolling mills.
- 2249/72. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Compounds useful in fluorometry.
- 2250/72. Societe Industrielle Gaillon-Armovvl "Armosig". Method of and head for forming tulips at the ends of tubes of thermoplastic material.
- 2251/72. G. S. Mann. Chainless cycle.
- 28th December 1972
- 2252/72. Council of Scientific and Industrial Research. A temperature controller.
- 2253/72. Council of Scientific and Industrial Research. A high pressure cell for the production of hydrostatic pressures of the order of 70,000 to 80,000 Psi.
- 2254/72. Council of Scientific and Industrial Research. Improvements in or relating to photo-chemical etching process on plastics for the manufacture of precision protectors, panels for electronics and electrical instruments and slide rules etc.
- 2255/72. Council of Scientific and Industrial Research. Improvements in or relating to a process for the extraction of nickel and cobalt from the lateritic ores by acid leaching.
- 2256/72. Council of Scientific and Industrial Research. A technique of constructing thin impermeable cut off walls.
- 2257/72. Council of Scientific and Industrial Research. Improvements in and relating to uniform current distribution in electrolytic cells for electrofinishing processes.
- 2258/72. Council of Scientific and Industrial Research. Improvements in or relating to the preparation of new reactive dyes reactive dyes containing azido groups.
- 2259/72. Council of Scientific and Industrial Research. Improvements in or relating to the preparation of new reactive dyes.
- 2260/72. Agfa-Gevaert (naamloze vennootschap. Radio-graphic film cassette. (29th December 1971).
- 2261/72. Pont-A-Mousson S. A. Method and apparatus for testing the helium-tightness of tubular bodies.
- 2262/72. Societe Nationale Des Petroles D'Aquitaine. An X-ray spectrometric analysis process and apparatus.
- 2263/72. Taylor & Challen Limited. Feed mechanisms. (28th December 1971).
- 2264/72. Aluterv Aluminiumipari Tervezo vallalat and Femipari Kutato Intezet. Method for reducing and replacing N_2O -losses arising in the alumina production according to the bayer technology.
- 2265/72. B. Kessel. Injection moulding method and apparatus. (25th September 1972).
- 2266/72. International Fire Tool Corporation. Lpg valve assembly.
- 2267/72. Farbwerke Doehst Aktiengesellschaft vormals Meister Lucius & Bruning. Light degradable shaped article of plastic material.
- 2268/72. International Nickel Limited. High temperature alloys.
- 2269/72. Franz Plasser (Bahnbaumaschinen Industrie-gesellschaft m.b.H. A method of and an apparatus for laterally aligning a railway track, especially around a curve by means of a guide beams.
- 2270/72. Vsesojuzny Proektno-Tekhnologicheskij Institut Tyazhelogo Mashinostroenia. Sand blowing head of a machine for making mould cores and half-moulds.
- 29th December 1972
- 2271/72. Haricharan Banerjee. Construction of prestressed brick slabs and lintels.
- 2272/72. Leningradsky Ordena Lenina Politekhicheskij Institut Imeni M. I. Kalinina., and Leningradsky Ordena Trudovogo Krasnogo Znameni Zavod "Elektrik" Imeni N. M. Shvernika. Programmer for successive timing of working cycles in apparatus controlling industrial plants.
- 2273/72. E.G.Y.T. Gyogyszervegyeszet Gyar. A process for the preparation of a new pharmaceutically active 2, 3-diazabicyclo [5.4.0] undecapentaene derivative. [Divisional date 6th May 1971].
- 2274/72. The Fiberwoven Corporation. Needled textile fabric.
- 2275/72. Stamicarbon B. V. Process for the preparation of halogen-carrying rubberlike copolymers.
- 2276/72. Imperial Chemical Industries Limited. Improvements in or relating to record covers. (30th December 1971).
- 2277/72. Societe Francaise D'Etudes D'Installations Siderurgiques Sofresid. Method of separating non-ferrous metals from gaseous chlorides thereof.
- 2278/72. C. A. V. Limited. Speed transducers. (30th December 1971).
- Application for Patents filed at the Patent Office (Madras branch)
- 21st December 1972
- 45/Mas-1972. D. Anantharaman. Telescopic holding arrangement.
- 46/Mas-1972. S. G. Iyer. Improvements in or relating to fluorescent lamps (tube-lights).
- 47/Mas-1972. S. G. Iyer. Teethed rotary tiller for power tillers and agricultural tractors.
- 48/Mas-1972. S. G. Iyer. Cylindrical frame wheels for power tillers and agricultural tractors.
- 49/Mas-1972. S. G. Iyer. Inclines board supports attached to power tillers and agricultural tractors.

50/Mas-1972. Dr. V. S. K. Nair. An improved design of polymerisation kettle and stirrer for suspension polymerisation of vinyl monomers.

**Application for Patents filed at Patent Office
(Bombay Branch)**

19th December 1972

148/Bom-1972. M. G. Phadke. A smoke free multiple wick kerosene stove burner assembly.

149/Bom-1972. Sardesai Brothers Limited. Improvements in or relating to the manufacture of sodium carboxy methyl cellulose.

150/Bom-1972. P. a. Raghunandansingh. A seed drill (a sowing implement) "Mohan".

151/Bom-1972. Ahmedabad Textile Industry's Research Association. Improved slack rope washing machine [Addition to No. 128019].

152/Bom-1972. R. R. Pardasani. Improvement in or relating to cutout or fuse box or like.

21st December 1972

153/Bom-1972. V. M. Tank. A novel grease composition.

154/Bom-1972. J. S. Bajaj. Improvements in or relating to horological or chronometric instruments and in particular to an automatic calendar watch or clock.

Complete Specifications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any of the applications concerned, may at any time within four months of the date of this Gazette of India or within such further period not exceeding one month applied for in Form 14 of the Patents Rules 1972 before the expiry of the said period of four months give notice to the Controller of Patents in the prescribed Form 15th of the Patents Rules, 1972, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

A limited number of printed copies of the specification in the following list will be available for sale from the Government of India Book Depot, 8 Kiron Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra, if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

The required typed copies of the specifications together with copies of the drawings, if any, can be supplied by Patent Office on payment of the necessary charges which may be ascertained on application to this office.

The dates shown in crescent brackets are the dates allowed under Section 135 of the Act.

85131. Parke, Davis & Company. Process for the production of N-(2, 3-dimethylphenyl) anthranilic acid and salts thereof.

N, N'-bis (2, 3-dimethyl-phenyl)-N, N'-bis (O-methoxy carboxyl phenyl) oxamide is reacted with a basic or acidic hydrolytic agent.

85722. Union Carbide Corporation. Process for preparing concentrated solutions of heat-sensitive material.

Removing oxygen and essence from the solution by fluid stripping operation and recombining the essence with the concentrated solution.

88108. Lepetit S.p.A. Process for the preparation of rifamycin B. Amides. (25th May 1962).

Reacting rifamycin B with a compound selected from ammonia, primary and secondary amines in the presence of a dehydrating agent.

100700. Carlo Erba S.p.A. Process for preparation of new imidazole-derivatives.

Reacting metal salts of 4(5)-nitro-imidazole with the halides of the corresponding amine compounds.

119674. Stamicarbon N. V. Optical separation of methionine nitrile.

Comprises converting a mixture of L and D-methionine nitrile into the salt of methionine nitrile and optically active α -phenoxypropionic acid and separating from in salt reaction mixture a fraction consisting of one of the diastereo isomers.

126166. American Cyanamid Company. Antifungal BH890 and preparation thereof.

Cultivating an antifungal BH890 producing strain of streptomyces misonensis in aqueous nutrient medium under aerobic conditions.

128391. Merck & Co., Inc. Process for stabilizing beverages containing vitamin C.

Comprising adding to the beverage containing vitamin C in an amount of 0.084 to 0.675 mg/ml based on an single strength drink cysteine amounting to 0.3 to below 1% of the vitamin C by weight and if desired, 0 to 3 kg. of metabolically available iron.

128839. Nippon Petrochemicals Company Limited, Metallgesellschaft Aktiengesellschaft and Air Products and Chemicals, Inc. Process for the separation of aromatics from an aromatic rich hydrocarbon feedstock.

Comprises fractionally distilling feedstock to obtain (i) stream containing benzene and toluene (ii) stream of C_6 aromatic and (iii) stream of C₈ aromatics, solvent extracting first stream, and fractionating product to obtain benzene and toluene, extractively distilling second stream and hydrodealkylating the third stream.

128998. Gaf Corporation. Process for the preparation of bis aliphatic phosphonic acid anhydrides.

Characterized by reacting di- α -chloroethane phosphonic acid with thionyl chloride.

129603. Silentnight Limited. Improvements in or relating to self locking nuts.

Comprises a U-shaped element, whose short limb is shaped as a barb intended to be sunk into one component and a long limb provided with a bolt-engaging aperture raised by a flexible border.

129604. Silentnight Limited. Improvements in or relating to spring units for furniture.

Comprises a plurality of springs having their axes parallel, the perimeter of the unit at opposite ends of the springs being defined by channel section strips having two parallel webs for receiving end coils of springs.

129773. Bayer Aktiengesellschaft, formerly known as Farbenfabriken Bayer Aktiengesellschaft. Process for preparing 5-imino-1, 2, 4-triazine derivatives.

Reacting and α -iminonitrile with a hydrazine derivative.

129856. Johnson & Johnson. Conformable adhesive sheet.

Providing a porous, breathable surgical tape of fused flexible polyurethane foam which is elastic and conformable to irregularly shaped body portions and sufficiently thin to minimize pulling from scraping contact with other objects.

129951. Vickers Zimmer Aktiengesellschaft Planung und Bau von Industrieanlagen. Process and apparatus for the continuous production of linear polyesters of their modifications especially polythylene terephthalate. (30th November 1970).

In the ester inter change state the mixture of dicarboxylic acid ester and polyhydric alcohol is led through a generally horizontal flow path divided into at least 2 chambers, the temperature of each of which reaching polycondensation temperature and the reaction temperature in the last or at least the last chamber in increased as composed to the preceding chamber by a predetermined amount and the dwell-time is simultaneously reduced.

129958. Victor Otto Bumba. Process for the preparation of fire resistant paint.

Comprising mixing together zinc oxide powder and china clay or kaolin and treating the mix with sodium silicate and finally binding the mix by the addition of glue water and if desired colouring the mix with colouring matter.

130046. Sandoz Ltd. Process for the production of disazo dye.

Comprising coupling 2 moles of the diazotised 1-amino-2-methyl benzene-4 sulphonic acid with 1 mole of 5,5'-dihydroxy-7,7'-disulpho 2,2'-dinaphthyl urea at a temperature of 0° to 25°C and a pH of 3 to 8.

130211. Ciba of India Limited. Process for the preparation of azo dyestuffs.

N, β -hydroxyethyl - N-(N'-methylcarbamoyl) methyl-m-soluidine is coupled with diazotised 2-chloro-4-nitro aniline.

130354. Tecumseh Products Company. Improvements relating to compressors. (15th December 1970).

Has a discharge conduit connected to the compressor outlet by means of at least one telescopic joint between a male member and a female member, said female member having a bore terminating at its inner end at an internal shoulder and terminating at its outer end at an exterior surface.

130367. Farbwerke Hoechst Aktienesellschaft vormals Meister Lucius & Bruning. Metal complex compounds of the monoazo dyestuffs and process for their preparation.

Treating monoazo dyestuffs with agents yielding metals.

130410. N. V. Philips' Gloeilampenfabrieken. Stretcher for removing patients. (2nd March 1970).

A frame having at least two parallel upper guides on the front and rear sides for a belt portion movable over said guides for supporting a human body furthermore having at least two parallel lower guides on the front and rear sides for a belt portion which is movable over said guides and capable of contacting the ground, said two belt portions move in same direction.

131818. Bengal Coal Company Limited. Improvements in or relating to samplers for sampling coal, ores and other similar materials.

Comprising primary drum carrying primary sieve means at its inlet end and secondary drum carrying secondary sieve means to which the material after primary sample reduction is fed, both drums being rotatable, and the sieve size of the primary sieve means is greater than that of the secondary sieve means.

131847. Sandoz Ltd. Process for the preparation of anthraquinone dyestuff compounds of low solubility in water.

Characterised in condensation of compound like 1-amino-2-phenoxy-4-benzene sulphonamide with anthraquinone with $H_0-R_1R_2$, R_1 being alkylene with 4 C-atoms and R_2 is alkoxy with 3 - 6 C-atoms and cycloalkoxy aryloxy and like.

132523. Glanzstoff AG. Process for the preparation of aliphatically or cycloaliphatically 1, 3-disubstituted thioureas. (19th April 1971).

Reacting primary aliphatic or cycloaliphatic amines with carbon disulphide in the presence of active charcoal.

132759. Takeda Chemical Industries, Ltd. Process for separating citric acid from an aqueous solution containing citric acid and L(+) isocitric acid.

Comprises adding sulphuric acid to an aqueous solution of citric acid and L(+) isocitric acid, concentrating the solution to crystallize citric acid from the solution.

133184. A. D. Dikshit. Improvement in or relating to closure device with discharge outlet means for containers, collapsible tubes, bottles, and the like.

Flat thick top of the threaded closure cap is provided with a cavity the base of which has a hole at the centre, a discharge outlet means having a hole at the bottom and a nozzle on any side wall of said cavity.

133163. Joseph Lucas (Industries) Limited. Control circuits for vehicle window lift mechanism. (13th October 1970).

Comprising a manually operable switch operating a reversible electric motor for lifting and lowering the vehicle window and means operable on operation of a limit switch for reversing the motor direction for predetermined time in the event of an obstruction while lifting the window.

133549. The Dow Chemical Company. Regeneration of copper oxide and copper chromite catalysts.

Oxidizing deactivated catalyst with oxygen containing gas or with peroxide in liquid phase and then reducing oxidized catalyst with hydrogen.

134251. Oldham International Limited. Improvements in secondary batteries.

Comprising resiliently deformable all filling and venting tube and tube deforming member carried by the cover and arranged in the filling channel-closing position of the cover to deform the tubes so as to locate its inner end above the level of the electrolyte.

134354. Joseph Lucas (Industries) Limited. Dynamo electric machines. (22nd January 1971).

Wherein either one end of the rotor shaft or the bore in a synthetic resin body of the commutator into which said shaft extends being of circular cross-section while the other part is of polygonal cross-section.

Apposition Proceedings

(1)

An opposition to the grant of a patent on application No. 128013 dated the 13th August, 1970 made by Ayachitram Sripada Rao, has been entered under Section 25 of the Patents Act, 1970 by Shalimar Industries Private Limited, on the 29th September, 1972.

(2)

An opposition has been entered by Atlas Industries Company to the grant of a patent on application No. 131259 made by Gopinath Payne.

(3)

Application for patent No. 118054 dated the 11th October, 1968 made by Tatsuo Fukuoka, the opposition to which entered by Desma Werke G.M.B.H. was notified in the Gazette of India, Part III, Section 2 dated the 29th May, 1971, has been treated as withdrawn.

Patents Sealed

125733 126325 126612 126821 127003 127287 127529 128025 128179 128376 128420 129687 130429 130483 130486 130566 130567 130628 131037.

Apposition proceedings

The amendment proposed by Toyo Engineering Corporation and another in respect of Patent No. 125186 as advertised in the Part III, Section 2, of the Gazette of India dated the 9th September 1972 has been allowed.

**Patents deemed to be endorsed with the words
"Licences of Right"**

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No.	Title of the invention
80119 (25-10-61)	Fungicidal compositions.
80137 (8-1-62)	Aluminosilicate catalyst and method of preparing the same.
80171 (9-1-62)	Process for the production of water-soluble dyes, the dyes thus produced and their uses.
80172 (9-1-62)	An aluminosilicate catalyst and method of preparation thereof.
80173 (9-1-62)	A method of cracking hydrocarbon oils.
80175 (9-1-62)	New azo-dyestuffs and process for their manufacture.
80176 (9-1-62)	Insecticide.
80178 (9-1-62)	Insecticidal compositions containing O, O-dialkyl phosphinoimides.
80182 (16-1-61)	Process for manufacture of new anthraquinone compounds.
80190 (11-3-61)	Improvements in the production of hydrogen cyanide.
80211 (12-1-62)	The process of preparation of improved cation exchange material from acid sludge of coke oven plant.
80212 (12-1-62)	A process for preparation of improved cation exchanger from sulphonated coal.
80222 (12-1-62)	Method of producing polymer beads.
80247 (15-1-62)	Carbazil-hydroxamic acid esters and herbicidal preparations containing them.
80271 (16-1-62)	Water-soluble reactive disazo dyes, their process of production, and process of dyeing.
80278 (10-3-60)	A process for the preparation of 3-methyl chromone.
80289 (23-1-61)	A process for increasing the size of the dispersed particles in natural and Synthetic rubber.
80295 (17-1-62)	Solutions for treating metal surfaces, either bare or chemically coated to improve their corrosion-resistance, methods of preparing such solutions, and treatment processes in which they are employed.
80304 (18-1-62)	Method and device for the after-treatment of hard burnt pellets.
80323 (19-1-62)	Process for preparing phosphorous containing fluorinated compounds.
80339 (20-1-62)	Method of preparing oxy-methylene polymer
80349 (23-1-61)	Pesticidal compositions.
80363 (22-1-62)	Water-insoluble disazo dyes, their manufacture and use.
80382 (31-1-61)	Process for the manufacture of new azo dyestuffs suitable for the colouration of cellulose textile materials.
80383 (3-2-61)	Process for purifying organic peroxides.
80392 (24-1-62)	Water-soluble, metal-containing reactive disazo dyes.
80428 (27-1-62)	A process for revivification of spent iron oxide and making of sodium thiosulphate as by-product.

No.	Title of the invention
80430 (7-2-61)	Stabilised blowing agents containing organic nitrosoamines and process for manufacturing the same.
80435 (27-1-62)	Method and apparatus for the electrolysis of alkalichloride solutions.
80436 (27-1-62)	Anti-caking agent, method of making it and a composition containing it.
80450 (29-1-62)	Process for the production of ethylene oxide.
80474 (29-1-62)	Process for the manufacture of dioxazine dyes.
80488 (30-1-62)	Pesticide.
80489 (30-1-62)	Process for the preparation of organosilanes.
80519 (31-1-62)	New vat dyestuffs and process for their manufacture.
80522 (31-1-62)	An aluminosilicate catalyst method of preparing same, and hydrocarbon oils cracked therewith.
80538 (1-2-62)	Improvements in or relating to the preparation of 2-hydroxy-4-naphthoquinone and derivatives and salts thereof.
80540 (1-2-62)	Preparation of carbon black.
80541 (1-2-62)	Water-insoluble anthraquinone dyes and process for their manufacture.
80587 (2-1-61)	A continuous process for the manufacture of high molecular weight linear polyamides.
80592 (5-2-62)	Improvements in or relating to the manufacture of cement.
80605 (5-2-62)	Improvements in or relating to the manufacture of red phosphorous from white or yellow phosphorous and red phosphorous produced therefrom.
80611 (15-5-61)	Synthetic polymers, process for their preparation and latex composition for impregnating filamentary and/or fibrous materials.
80612 (31-8-61)	An internally-reinforced synthetic latex and method for making same.
80613 (31-8-61)	Process for internally plasticizing dispersed polymer of butadiene hydrocarbon polymer latex and resulting product.
80619 (6-2-62)	Improvements relating to monoazo dyestuffs and their use for the dyeing of keratin fibrous material.
80621 (6-2-62)	A process and apparatus for refining pig iron.
80627 (6-2-62)	Halogenated dihydroxy diaminoanthraquinones, process for their manufacture and process for dyeing.
80628 (6-2-62)	Solution polymerization method of acrylonitrile.
80645 (24-5-60)	Herbicides.
80651 (7-2-62)	New water-insoluble anthraquinone dyestuffs and process for their manufacture.
80676 (12-2-62)	Process for the preparation of insecticidal phosphate esters.
80678 (24-3-61)	Process for the manufacture of new azo dyestuffs, suitable for the colouration of cellulose textile materials.
80684 (12-2-62)	Method and apparatus for gasifying coal dust in suspension.
80699 (12-2-62)	Metallizable reactive dyes and their copper and nickel complex compounds.
80714 (13-2-62)	New anthraquinone derivatives and process for their manufacture.

No.	Title of the invention	No.	Title of the invention
80749 (17-2-61)	Process and apparatus for producing phosphoric acid.	81177 (12-3-62)	Improvements in or relating to the production of materials such as pig iron, ferro-alloys, calcium carbide.
80769 (14-2-62)	An improved process for the manufacture of refractory material and material so produced.	81179 (12-3-62)	Barium metaborate-silica particles and methods of preparing same.
80779 (15-2-62)	Economical process for production of high ductility steel.	81197 (13-3-62)	Process for polymerizing polymerizable organic compounds.
80780 (15-2-62)	Improvements in or relating to the roasting sulphidic ores.	81297 (19-3-62)	Process for the production of reactive diazo dyestuffs, dyestuffs so produced, process of dyeing or printing textile fibres therewith and dyed or printed fibres so obtained.
80791 (16-2-62)	Process for the production of waste-dispersible but difficulty water-soluble monoazo dyestuffs suitable for dyeing polyester fibres, the dyestuffs so produced, the method of dyeing polyester fibres therewith and so dyed polyester fibres.	81300 (19-3-62)	Process for the manufacture of phthalocyanine dyestuffs and dyeing compositions containing such dyestuffs.
80817 (19-2-62)	A process for extraction of sulphur from spent iron oxide and revivification of its desulphurization capacity.	81314 (20-3-62)	Process for recovering aromatic hydrocarbons in a pure, or almost pure, state from a hydrocarbon mixture containing in addition to aromatic compounds alkenes and more highly unsaturated compounds.
80823 (19-2-62)	Method for the manufacture of water-soluble leuco-sulphuric acid ester salts of the anthraquinone series.	81315 (20-3-62)	Process for the separation of mixture by means of extractive distillation.
80833 (19-2-62)	Improvements in or relating to polymerization of 1:3 butadiene.	81344 (20-3-62)	Polymerization of monomeric material.
80835 (19-2-62)	Process for preparing vulcanizable compositions containing terpolymers and butyl rubber and products obtained therefrom.	81348 (22-3-62)	Trioxane polymerization process.
80846 (19-2-62)	Method of producing cross-linked high-molecular compounds.	81355 (22-3-62)	Recovery of cryolite from carbonaceous electrolytic cell lining.
80861 (20-2-62)	Novel imide compounds of naphthalic acid and process for producing the same.	81356 (22-3-62)	Process for the production basic azo dyestuffs and their use for the dyeing of polymeric and copolymeric acrylonitrile fibres.
80868 (20-2-62)	Process for dyeing polyamides in the melt.	81364 (22-3-62)	Process for preparing polymethane polymers.
80896 (21-2-62)	Process for the manufacture of monoesters of ethylene glycol.	81394 (24-3-62)	Process for the production of urea from ammoniacal vapours containing carbon dioxide.
80958 (26-2-62)	Process for the preparation of methacrolein by catalytic oxidation of isobutene and process for the preparation of suitable catalysts for said catalytic oxidation.	81396 (24-3-62)	A method for deodorizing aquatic animal products.
81026 (1-3-62)	Process for producing material such as pig iron, ferro alloys, carbide or phosphorous.	81397 (24-3-62)	Process for production of reduced iron pellets.
81048 (2-3-62)	Improvements in or relating to improved copper base alloys.	81402 (26-3-62)	Process for the electrolysis of manganese containing solutions.
81055 (3-3-62)	Improvements in and relating to manufacture of alloy steels and rods made of the same.		
81058 (3-3-62)	Process for the preparation of acrolein or methacrolein by catalytic oxidation of propene or isobutene.		
81060 (18-12-61)	Pesticidal compositions.		
81076 (5-3-62)	Improvements in and relating to catalysts for steam reforming of hydrocarbons.		
81078 (5-3-62)	Improved hydrocarbon separation process.		
81092 (6-3-62)	Process for the production of reactive azo dyestuffs and their use for the dyeing and printing of cellulosic textile material.		
81093 (9-3-61)	Process for the free radical polymerisation of olefinic compounds in the presence of dinonanol peroxide as an initiator.		
81094 (9-3-61)	Process for the manufacturing polyesters.		
81122 (7-3-62)	Process for the hydrotreating of coke-form-hydrocarbon distillates.		
81126 (7-3-62)	An improved process for manufacturing a catalyst based on tin and antimony oxides.		
81142 (9-3-62)	Improvements in or relating to methods of applying a chemical-physical treatment to ores and/or ore residues, and products obtained therefrom.		
81166 (12-3-62)	Process for polymerizing conjugated dienes for the manufacture of shaped articles and shaped articles so produced.		

Renewal Fees Paid

62760	62767	62772	62889	62964	63035	63340	63341	63343
63404	63523	63587	66339	66346	66362	66379	66393	66402
66424	66460	66516	66536	66573	66596	66662	66683	66738
66786	66837	66948	67114	67160	67167	67186	67194	67694
68317	69613	69707	70141	70206	70229	70266	70267	70348
70363	70379	70381	70424	70509	70514	70525	70534	70569
70586	70603	70607	70741	70751	70898	71146	71253	71259
72520	72625	74068	74437	74491	74508	74753	74778	74785
74788	74822	74844	74850	74863	74870	74884	74942	74983
74987	75016	75078	75079	75080	75130	75146	75147	75173
75200	75205	75233	75245	75268	75269	75270	75271	75272
75492	75550	75695	75696	75770	75783	75784	75841	75899
77938	77978	78253	78469	78485	78639	78995	79582	80037
80079	80103	80105	80106	80107	80110	80120	80143	80144
80145	80146	80160	80190	80195	80197	80244	80258	80268
80339	80357	80359	80414	80432	80609	80652	80744	80769
80794	80835	80944	80959	80972	81078	81165	81282	81307
81325	81341	81348	81364	81366	81394	81437	81546	82348
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85880	85882	85920	85964	85991	86000	86022	86067	86073
86089	86094	86101	86139	86190	86191	86195	86215	86235
86243	86337	86350	86351	86403	86430	86458	86455	86467
86622	86677	86682	86683	86717	86745	86791	86807	86899
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Renewal Fee Paid Filed at Patent Office (Bombay Branch)

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Cessation of Patents

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 93487 94970 111817 111818.

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 139904. Raj Chawla (An Indian Subject), 17/14, Shakti Nagar, Delhi. "Mudguard stand", May 17, 1972.

Class 1. No. 139930. National Institute of Design, a Registered Co-operative Society of Paldi, Ahmedabad-7, Gujarat State, India, "Cycle", May 30, 1972.

Class 1. No. 140180. Philips India Limited, Shivsagar Estate, Block "A", Dr. Annie Besant Road, Worli, Bombay 18 (WB), Maharashtra State, India, an Indian Company, "A wall bracket light fitting", August 28, 1972.

Class 1. No. 140263. Rex Auto Products, 3060 Bahadurgarh Road, Delhi, Indian Partnership Concern, "Mirror", September 21, 1972.

Class 3. No. 139918. Phiroze Sethna Industries, Royal Insurance Building, 14, Jamsedji Tata Road, Bombay-20, Maharashtra State, an Indian Partnership concern, "Sink swirler-cum-hose-connector", May 25, 1972.

Class 3. No. 139919. Messrs. Phiroze Sethna Industries, Royal Insurance Building, 14, Jamsedji Tata Road, Bombay-20, Maharashtra State an Indian Partnership concern, "Container", May 25, 1972.

Class 3. No. 140003. Brahma Bharati Udyog, (an Indian Partnership firm), 259 Kalbadevi Road, Johari Mansion, 5th Floor, Bombay-2, (Maharashtra), "Basket", June 29, 1972.

Class 3. No. 140106. Miron Electric Co., (an Indian Partnership Firm), A/251, Road-B, Wagle Industrial Estate, Thana (Maharashtra State), "Rotary switch", August 3, 1972.

Class 3. No. 140221. Philips India Limited, Shivsagar Estate, Block "A", Dr. Annie Besant Road, Worli, Bombay-18 (WB), Maharashtra State, India, an Indian Company, "A wall bracket light fitting", September 11, 1972.

Class 3. No. 140273. Modern Containers Pvt. Ltd., an Indian Company incorporated in India under the Indian Companies Act and having its office at D-1, Jeevan Jyot, Cawasji Patel Street, Fort, Bombay 1, State of Maharashtra, India "An Index device for telephone numbers, names, address or the like", September 25, 1972.

Class 3. Nos. 140316, 140317, 140320, 140324 to 140328. Kosmetika Private Limited, Sorab House, 524, Senapati Bapat Marg, Dadar, Bombay-28 DD., Maharashtra, Indian Company, "Toys", October 20, 1972.

Class 3. 140334. Murphy India Limited, an Indian company existing under the Companies Act, 1956, having its registered office at Dr. Shirodkar Road, Parel, Bombay-12DD, State of Maha-

- rashtra, India, "A transistor case", October 23, 1972.
- Class 4. Nos. 140062 to 140064. Govinji Malik & Co., Indian, 6556, Bara Hindu Rao, Delhi-6, India, "Mirrors", July 17, 1972.
- Class 4. Nos. 140207 and 140208. Weldon Sales Corporation, Narayan Market, Sadar Bazar, Delhi-6, Indian Partnership Firm, "Bottles", September 5, 1972.
- Class 11. No. 140158. The Raymond Woollen Mills Limited, a Public Limited Company incorporated in India under the Indian Companies Act and having our Office at J. K. Building, Dougall Road, Ballard Estate, Bombay-1, State of Maharashtra, India, "A trousers", August 21, 1972.

Copyright extended for a Second Period of Five Years.

Design Nos. 132581, 132582 Class-1.

Design Nos. 131884 Class-3.

Design No. 131491 Class-4.

Design No. 139049 Class-11.

Copyright extended for A Thrd Period of Five Years.

Design Nos. 115097, 115098, 115115, 115116 Class-3.

Design Nos. 114652 Class-4.

S. VEDARAMAN,

Controller General of Patents,

Designs and Trade Marks